

# SFFsg 4001

Laboratory freezer with static cooling  
Performance



Gross/net capacity	316/242 l
Ext. dimensions in mm (w/d/h)	597/654/1884
Int. dimensions in mm (w/d/h)	403/408/1588
Energy consumption in 365 days	385 kWh <sup>1</sup>
Ambient temperature range	+10 °C to +35 °C
Heat output	529 kJ/h
Refrigerant	R 290
Noise output	49 dB(A)
Frequency / voltage	50 Hz / 220-240 V~
Cooling system	static
Defrosting	manual
Temperature range	-9 °C to -30 °C
Gradient / max. fluctuation	5.7 °C <sup>2</sup> / 2.5 °C <sup>3</sup>
Housing material/colour	steel / white
Door material / colour	steel / white
Liner Material	commercial grade moulded polystyrol
Type of Control	monochrome display, touch buttons
Alarm in case of malfunction	visual and audible
Power failure alarm	when mains power return
volt-free alarm contact	yes
Connectivity type	SmartModule
Connectivity solution	retrofitable
Interface	WLAN/LAN (optional)
Adjustable Shelving	5
Shelf material	wire shelves plastic-coated
Usable shelf area in mm (w / d)	400 / 408
Shelf loading	45 kg
Maximum total load	270 kg
Handle	antimicrobial handle with opening mechanism
Access ports	1 x Ø 10 mm
Type of lock	mechanical
Door hinges	right, reversible on site
Gross/net weight	81/77 kg
EAN-Nr.	9005382246696
Cleanroom class according to ISO EN 14664-1	ISO class 5
GMP cleanroom class	GMP class B

<sup>1</sup> Measured at +25 °C ambient temperature and +5 °C set temperature for fridges and -20 °C for freezers.

<sup>2</sup> Gradient as defined in EN 60068-3: the difference between the warmest and coldest average measurements, increased by their expanded uncertainty, throughout the duration.

<sup>3</sup> Max. fluctuation as per EN 60068-3: greatest fluctuation value determined throughout the duration of measurements.